

AMINO ACID AND/OR NUCLEOTIDE SEQUENCE LISTING SUBMISSION

Electronic Version v13

Stylesheet Version v01

This is a request for filing the electronic Computer Readable Form copy of a sequence listing via the Electronic Filing System for a patent application under 37 CFR 1.821–1.825 instead of via one of the physical media specified in 37 CFR 1.824(c).

This communication has an attached file which is an electronic copy of the amino acid and/or nucleotide sequence listing for the previously mentioned United States patent application.

The electronic copy submitted herewith is the Computer Readable Form (CRF), as required by 1.821(e).

Any applicable fees associated with the filing of the electronic copy have been paid.

This submission does not go beyond the disclosure of the application as originally filed (i.e., contains no new matter). It may be in addition to an original CRF, filed to comply with the sequence rules.

This submission in electronic form comprises only the CRF of 37 CFR 1.821(e). I acknowledge that I am responsible for all additional requirements of amino acid and/or nucleotide sequence listing submissions as specified in 37 CFR 1.821 – 1.825.

This submission does not go beyond the disclosure of the application as originally filed (i.e., contains no new matter), and/or is in addition to an original CRF filed to comply with the sequence rules. If not made to comply with an originally filed CRF, it is identical to the sequences disclosed in the application as originally filed and/or the paper copy of the sequence listing as originally filed.

I hereby certify that this correspondence is being transmitted to the United States Patent and Trademark Office on the following date: 2004-03-19

Name: Mr. Matthew P. Vincent

Electronic Signature Mark: /mpv/

Attachment description:

CRF File Sequence

Compression software used:

UNITED STATES PATENT AND TRADEMARK OFFICE
ACKNOWLEDGEMENT RECEIPT

Electronic Version

Stylesheet Version v1.1.1

Title of
Invention

USE OF CHIMERIC NUCLEASES TO STIMULATE GENE TARGETING

Submission Type: BIO Sequence Filing

Application Number: 10/656531

10/656531

EFS ID: 57513

Server Response:

Confirmation Code	Message
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application
ICON1	8769
ISYS5	Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later.

First Named Applicant: David Baltimore

Attorney Docket Number: CTCH-P01-016

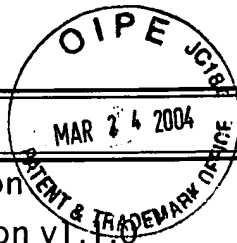
Timestamp: 2004-03-19 17:06:55 EDT

From: us

File Listing:

Doc. Name	File Name	Size (Bytes)
us-bio-seq-trans	CTCHP01016-usbios.xml	556
us-bio-seq-trans	us-bio-seq-trans.dtd	2905
us-bio-seq-trans	us-bio-seq-trans.xsl	6567
sequence-listing	CTCHP01016-usbios-S000001.txt	8625
package-data	CTCHP01016-pkda.xml	2144
package-data	package-data.dtd	27025
package-data	us-package-data.xsl	19263
Total files size		67085

Message Digest:	862a3822bb5c3f5c9f01d7bf20c6cb70c45378ec
Digital Certificate Holder Name:	cn=Yu Lu,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US



TRANSMITTAL

Electronic Version

Stylesheet Version VI.1.0

Title of
Invention

USE OF CHIMERIC NUCLEASES TO STIMULATE GENE TARGETING

Application Number: 10/656531 *10/656531*

Date: 2003-09-05

First Named Applicant: David Baltimore

Confirmation Number: 8769

Attorney Docket Number: CTCH-P01-016

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I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Submitted by:

Elec. Sign.

Matthew P. Vincent

Registered Number: 36,709

/mpv/

Documents being submitted

us-bio-seq-trans

sequence-listing

Files

CTCHP01016-usbios.xml

us-bio-seq-trans.dtd

us-bio-seq-trans.xsl

CTCHP01016-usbios-S000001.txt

Comments

IPDAS Version 3.2.1, Validation Version 1.1.1.2, Submission Version 1.1.0.5